

MIL "ON" DTC P0A80 or P0A7F Due to Dust or Debris in the HV Battery Cooling Fan

Service Category Engine/Hybrid System

Section Hybrid/Battery Control System

Market USA

Toyota Supports
 ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2015 - 2016	Camry HV	

Introduction

Some 2015 – 2016 model year Camry HV vehicles may exhibit a MIL “ON” condition with Diagnostic Trouble Code (DTC) P0A80 or P0A7F stored due to dust or debris buildup in the HV battery cooling fan and/or internal HV cooling duct filter assembly. Follow the Repair Procedure in this bulletin to address this condition.

Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
EL1522	Clean HV Battery Cooling Fan, Replace HV Battery Assembly, Clean or Replace “Internal” install a new “External” HV Battery Cooling Fan Intake Filter	2.8	G9510-33050	8A	99

APPLICABLE WARRANTY

- This repair is covered under the Federal Emission Warranty. This warranty is in effect for 96 months or 100,000 miles, whichever occurs first, from the vehicle’s in-service date.
- For California specification vehicles sold, registered, and operated in California, Connecticut (starting with 05MY), Maine, Maryland (starting with 11MY), Massachusetts, New Jersey (starting with 05MY), New York, Oregon (starting with 08MY), Rhode Island (starting with 05MY) and Vermont, warranty is in effect for 120 months or 150,000 miles, whichever occurs first, from the vehicle's in-service date.
- Warranty application is limited to occurrence of the specified condition described in this bulletin.

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Parts Information

PART NUMBER	PART NAME	QTY
G92DH-33020	External Filter, HV Battery Intake, No. 1	1
G92DH-33040	Internal Filter, HV Battery Intake, No. 1	*
G9510-33050	Battery Assembly, HV Supply	1

* If needed

Required Tools & Equipment

SPECIAL SERVICE TOOLS (SST)	PART NUMBER	QTY
Electrical Insulating Gloves*	00002-03100-S (Small)	1
	00002-03200-M (Medium)	
	00002-03300-L (Large)	

CAUTION

Always inspect Electrical Insulating Gloves before use for cracks, ruptures, tears, pinholes, or damage. Do NOT wear if damaged.

REQUIRED EQUIPMENT	SUPPLIER	PART NUMBER	QTY
Techstream 2.0*	ADE	TS2UNIT	1
Techstream Lite		TSLITEPDLR01	

* Essential SST.

NOTE

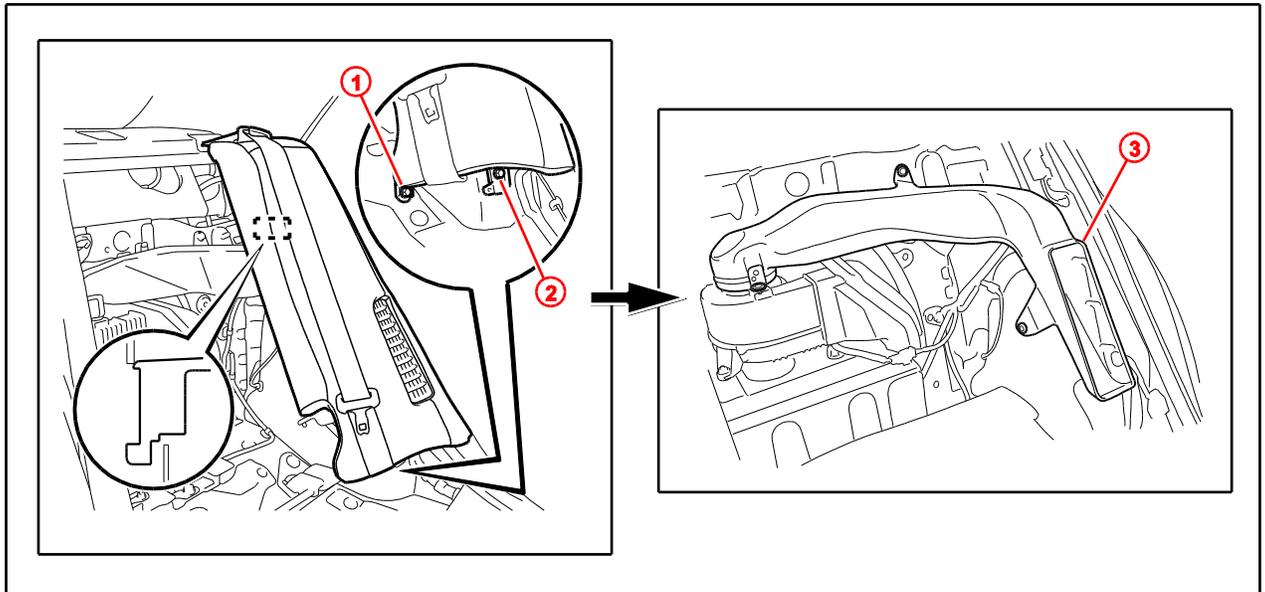
- Only ONE of the Techstream units listed above is required.
- Software version 11.10.034 or later is required.
- Additional Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787.

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Repair Procedure

1. Is the internal filter clogged with dust or debris buildup?

Figure 1.



1	This Bolt Does Not Need to Be Removed
3	Filter Installation Position

2	Remove This Bolt
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NOTE
 Seatback does **NOT** need to be removed though it's **NOT** shown in the figure above.

- **YES** — Go to step 2.
- **NO** — This bulletin does **NOT** apply. Refer to TIS, applicable model and model year Repair Manual:
 - 2015 Camry HV:
 - Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid/Battery Control: Hybrid Battery System: [P0A80-123; Replace Hybrid Battery Pack](#)”

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Repair Procedure (Continued)

- 2016 Camry HV:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid/Battery Control:
Hybrid Battery System: [P0A80-123: Replace Hybrid Battery Pack](#)”

NOTE

To inspect the internal filter, the rear side seatback assembly LH must be removed.

Refer to TIS, applicable model and model year Repair Manual:

- 2015 Camry HV:
Vehicle Interior – Seat – “Seat: Rear Seat Assembly: [Removal](#)”
- 2016 Camry HV:
Vehicle Interior – Seat – “Seat: Rear Seat Assembly: [Removal](#)”

2. Check the physical condition of the internal filter.
 - A. If the filter is damaged, replace the HV Battery Intake Filter No. 1 (P/N G92DH-33040).
 - B. If the filter is physically ok, clean using vacuum or compressed air and make sure no contaminants enter the HV Battery cooling system including fan.

NOTICE

- Clean the HV battery intake duct No. 1 with vacuum or compressed air. Do NOT use water or fluid when cleaning.
- Do not use a wire brush or a scrub brush for cleaning the HV Battery Intake Filter No. 1 as it may damage the filter.

Refer to the Technical Information System (TIS), applicable model and model year Repair Manual:

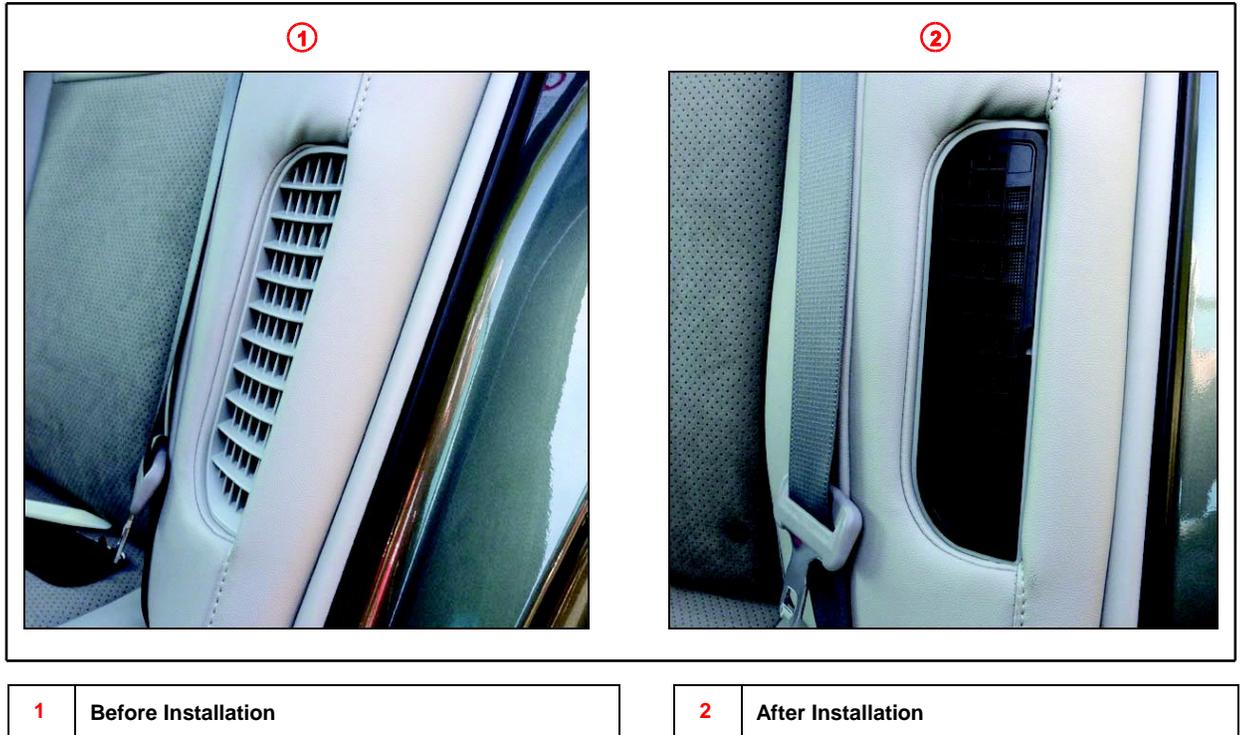
- 2015 Camry HV:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid/Battery Control:
HV Battery: [Removal](#)”
- 2016 Camry HV:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid/Battery Control:
HV Battery: [Removal](#)”

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Repair Procedure (Continued)

3. Install a NEW external HV Battery Filter No. 1 (P/N G92DH-33020) as shown.

Figure 2.



4. Replace the HV Battery Assembly.

Refer to TIS, applicable model and model year Repair Manual:

- 2015 Camry HV:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid/Battery Control: HV Battery: [Removal](#) / [Installation](#)”
- 2016 Camry HV:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid/Battery Control: HV Battery: [Removal](#) / [Installation](#)”

5. Clear any DTCs that have set during the repair procedure and test drive the vehicle to confirm normal operation.
6. For severe usage vehicles, refer to Service Bulletin [T-SB-0087-13](#), “HV Battery Cooling Fan Maintenance for Severe Usage Vehicles,” for additional HV battery cooling fan maintenance recommendations.